

SEQUENCE LISTING

<110> Universitätsklinikum Freiburg

<120> THE PRV-1 GENE AND USE THEREOF

<130> E980930

<140> PCT/EP00/09594

<141> 2000-09-29

<150> DE 199 47 010.3

<151> 1999-09-30

<160> 10

<170> PADAT Sequenzmodul, Version 1.0

<210> 1

<211> 1600

<212> DNA

<213> homo sapiens

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atgggacaca ggaaattggg cccgtgggta tgactgagaa ctgcaatagg aaagattttc      660
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      20          25          30
Trp Lys Val Ser Asp Leu Pro Arg Gln Trp Thr Pro Lys Asn Thr Ser
      35          40          45
Cys Asp Ser Gly Leu Gly Cys Gln Asp Thr Leu Met Leu Ile Glu Ser
      50          55          60
Gly Pro Gln Val Ser Leu Val Leu Ser Lys Gly Cys Thr Glu Ala Lys
      65          70          75          80
Asp Gln Glu Pro Arg Val Thr Glu His Arg Met Gly Pro Gly Leu Ser
      85          90          95
Leu Ile Ser Tyr Thr Phe Val Cys Arg Gln Glu Asp Phe Cys Asn Asn
      100         105         110
Leu Val Asn Ser Leu Pro Leu Trp Ala Pro Gln Pro Pro Ala Asp Pro
      115         120         125
Gly Ser Leu Arg Cys Pro Val Cys Leu Ser Met Glu Gly Cys Leu Glu
      130         135         140
Gly Thr Thr Glu Glu Ile Cys Pro Lys Gly Thr Thr His Cys Tyr Asp
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Gly Leu Leu Arg Leu Arg Gly Gly Gly Ile Phe Ser Asn Leu Arg Val
      165         170         175

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Gln Gly Cys Met Pro Gln Pro Gly Cys Asn Leu Leu Asn Gly Thr Gln
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 195 200 205
 Leu Thr Cys His Arg Gly Thr Thr Ile Met Thr His Gly Asn Leu Ala
 210 215 220
 Gln Glu Pro Thr Asp Trp Thr Thr Ser Asn Thr Glu Met Cys Glu Val
 225 230 235 240
 Gly Gln Val Cys Gln Glu Thr Leu Leu Leu Ile Asp Val Gly Leu Thr
 245 250 255
 Ser Thr Leu Val Gly Thr Lys Gly Cys Ser Thr Val Gly Ala Gln Asn
 260 265 270
 Ser Gln Lys Thr Thr Ile His Ser Ala Pro Pro Gly Val Leu Val Ala
 275 280 285
 Ser Tyr Thr His Phe Cys Ser Ser Asp Leu Cys Asn Ser Ala Ser Ser
 290 295 300
 Ser Ser Val Leu Leu Asn Ser Leu Pro Pro Gln Ala Ala Pro Val Pro
 305 310 315 320
 Gly Asp Arg Gln Cys Pro Thr Cys Val Gln Pro Leu Gly Thr Cys Ser
 325 330 335
 Ser Gly Ser Pro Arg Met Thr Cys Pro Arg Gly Ala Thr His Cys Tyr
 340 345 350
 Asp Gly Tyr Ile His Leu Ser Gly Gly Gly Leu Ser Thr Lys Met Ser
 355 360 365
 Ile Gln Gly Cys Val Ala Gln Pro Ser Ser Phe Leu Leu Asn His Thr
 370 375 380
 Arg Gln Ile Gly Ile Phe Ser Ala Arg Glu Lys Arg Asp Val Gln Pro
 385 390 395 400
 Pro Ala Ser Gln His Glu Gly Gly Gly Ala Glu Gly Leu Glu Ser Leu
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<212> RNA

<213> Artificial Sequence

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<223> 5'-end of PRV-1-sequence

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<210> 4

<211> 24

<212> RNA

<213> Artificial Sequence

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<223> Antisense-Molecule

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<210> 5

<211> 13

<212> PRT

<213> Artificial Sequence

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<223> amino acids 34-46 of PRV-1

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<212> DNA

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<223> sense-Primer

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<210> 9

<211> 28

<212> DNA

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<223> antisense-Primer

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<210> 10

<211> 29

<212> DNA

<213> Artificial Sequence

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<223> probe

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